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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yip

Serial No.: 09/663,968

Confirmation No.: 4499

Filed: September 19, 2000

For: **METHOD AND DEVICE FOR  
IDENTIFYING BIOLOGICAL  
SAMPLES**

Art Unit: 1631

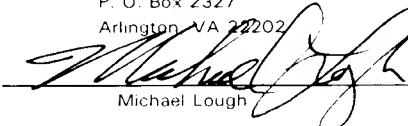
Examiner: Mahatan, C.

## CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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I hereby certify that this paper and the attached papers are being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and addressed to:

Commissioner for Patents  
U.S. Patent and Trademark Office  
P. O. Box 2327  
Arlington, VA 22202

  
Michael Lough

## TRANSMITTAL LETTER

Commissioner for Patents  
P. O. Box 2327  
Arlington, VA 22202

Dear Sir:

Transmitted herewith are an Amendment, responsive to the Office Action mailed May 13, 2002 (19 pages); marked-up claims showing changes made in accord with 37 CFR §1.121 (5 pages); supporting documents (3 pages); a check in the amount \$55 for the fee for a one-month extension of time; and a return postcard. If a Petition for extension of time is needed, this paper is to be considered such Petition.

- The Commissioner is hereby authorized to charge the deficiency in the above check and any fee that may be due in connection with this and the attached papers, or with this application during its entire pendency to or to credit any overpayment to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,  
**HELLER EHRMAN WHITE & McAULIFFE LLP**

By: \_\_\_\_\_

Stephanie L. Seidman  
Registration No. 33, 779

Attorney Docket No. 24736-2049

Address all correspondence to:

Stephanie L. Seidman, Esq.

**HELLER EHRMAN WHITE & McAULIFFE LLP**

4350 La Jolla Village Drive

Stephanie.L.Seidman@HEWM.com

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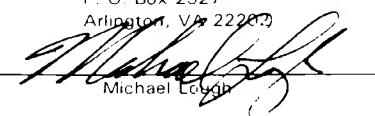
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AMENDMENT

Commissioner for Patents  
U.S. Patent and Trademark Office  
P. O. Box 2327  
Arlington, VA 22202

Dear Sir:

Responsive to the Office Action, mailed August 14, 2002, entry of the  
following amendments and consideration of the following remarks are  
respectfully requested.

IN THE CLAIMS

Please replace claims 1, 12, 13, 19-21, 38, and 40-45 with amended  
claims 1, 12, 13, 19-21, 38, and 40-45 as follows:

1. (2x Amended) A method for identifying a biological sample,  
comprising:
  - generating a data set comprising compositional data regarding the  
biological sample;
  - denoising the data set to generate denoised data;
  - correcting the baseline from the denoised data to generate an  
intermediate data set;
  - defining putative peaks for the biological sample;
  - generating a residual baseline